

Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 01997-272001	Application No. 08/969,302
Information Disclosure Statement by Applicant (Use several sheets if necessary)		O P E R A T I O N S U. S. PATENT & TRADEMARK OFFICE		
(37 CFR §1.98(b))		Filing Date November 13, 1997	Group Art Unit 1773	

19

U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
h	AA	3,996,345	12/07/1976	Ullman et al.	424	12	
h	AB	4,637,988	01/20/1987	Hinshaw et al.	436	546	
	AC	4,777,128	10/11/1988	Lippa	435	5	
	AD	5,262,357	11/16/1993	Alivisatos et al.	437	233	
	AE	5,293,050	03/08/1994	Chapple-Sokol et al.	257	17	
	AF	5,304,786	04/19/1994	Pavlidis et al.	235	462	
	AG	5,354,707	10/11/1994	Chapple-Sokol et al.	437	106	
	AH	5,422,489	06/06/1995	Bhargava	250	488.1	
	AI	5,537,000	07/16/1996	Alivisatos et al.	313	506	
	AJ	5,565,324	10/15/1996	Still et al.	435	6	
	AK	5,585,640	12/17/1996	Huston et al.	250	483.1	
	AL	5,625,456	04/29/1997	Lawandy	356	376	
	AM	5,674,698	10/07/1997	Zarling et al.	435	7.92	
	AN	5,721,099	02/24/1998	Still et al.	435	6	
	AO	5,736,330	04/07/1998	Fulton	435	6	
	AP	5,770,299	06/23/1998	Dannenhauer et al.	428	195	
	AQ	5,789,162	08/04/1998	Dower et al.	435	6	
h	AR	5,985,353	11/16/1999	Lawton et al.	427	213	
h	AS	5,990,479	11/23/1999	Weiss et al.	250	307	

Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes No
h	AT	WO 95/29473	11/02/1995	PCT			
h	AU	WO 98/04740	02/05/1998	PCT			
h	AV	WO 98/33070	07/30/1998	PCT			
h	AW	WO 98/36376	08/20/1998	PCT			
h	AX	WO 98/46372	10/22/1998	PCT			

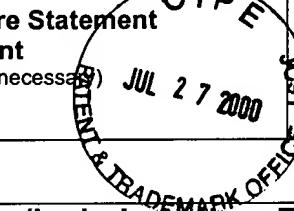
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H. T. Le

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		Applicant Moungi Bawendi et al.	Filing Date November 13, 1997	Group Art Unit 1773

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	BA	Alivisatos, "Semiconductor Clusters, Nanocrystals, and Quantum Dots," <i>Science</i> , 271:933-937, February 16, 1996
	BB	Alivisatos et al., "Organization of 'nanocrystal molecules' using DNA", <i>Nature</i> , 382:609-611, August 15, 1996
	BC	Baldwin et al., "Synthesis of a Small Molecule Combinatorial Library Encoded with Molecular Tags," <i>J. Am. Chem. Soc.</i> , 117:5588-5589, 1995
	BD	Bawendi et al., "Luminescence properties of CdSe quantum crystallites: resonance between interior and surface localized states," <i>J. Chem. Phys.</i> , 96(2):946-954, January 15, 1992
	BE	Beverloo et al., "Preparation and Microscopic Visualization of Multicolor Luminescent Immunophosphors," <i>Cytometry</i> , 13:561-570, 1992
	BF	Chee et al., "Accessing Genetic Information with High-Density DNA Arrays" <i>Science</i> , 274(5287):610-614, October 25, 1996
	BG	Coffer et al., "Characterization of quantum-confined CdS Nanocrystallites stabilized by deoxyribonucleic acid (DNA)" <i>Nanotechnology</i> , 3:69-76, 1992
	BH	Colvin et al., "Light-emitting diodes made from cadmium selenide nanocrystals and a semiconducting polymer" <i>Nature</i> , 370(6488):354-357, August 4, 1994
	BI	Cook, "Scintillation proximity assay: a versatile high-throughput screening technology," <i>Drug Discovery Today</i> , 1(7):287-294, July 1996
	BJ	Czarnik, "Encoding methods for combinatorial chemistry" <i>Curr Opin Chem Biol.</i> , 1(1):60-66, 1997
	BK	Danek et al., "Synthesis of Luminescent Thin-Film CdSe/ZnSe Quantum Dot Composites Using CdSe Quantum Dots Passivated with an Overlayer of ZnSe" <i>Chem. Mater.</i> , 8(1):173-180, 1996
	BL	Egner et al., "Tagging in combinatorial chemistry: the use of coloured and fluorescent beads" <i>Chem. Commun.</i> , 735-736, April 21, 1997
	BM	Fodor, "Techwire" <i>Science</i> , 277(5324):393-395, July 18, 1997
	BN	Guha et al., "Hybrid organic-inorganic semiconductor-based light-emitting diodes" <i>J. Appl. Phys.</i> , 82(8):4126-4128, October 15, 1997
	BO	Jarvis et al., "Solution Synthesis and Photoluminescence Studies of Small Crystallites of Cadmium Telluride," <i>Mat. Res. Soc. Symp. Proc.</i> , 272:229-234, 1992
	BP	Kagan et al., "Electronic Energy Transfer in CdSe Quantum Dot Solids," <i>Physical Review Letters</i> , 76(9):1517-1520, February 26, 1996
	BQ	Kagan et al., "Long-range resonance transfer of electronic excitations in close-packed CdSe quantum-dot solids," <i>Physical Review B</i> , 54(12):8633-8643, September 15, 1996-II
	BR	Lee et al., "Surface Derivatization of Nanocrystalline CdSe Semiconductors," <i>Mat. Res. Soc. Symp. Proc.</i> , 452:323-328, March 13, 1997
	BS	Liz-Marzan et al., "Synthesis of Nanosized Gold-Silica Core-Shell Particles" <i>Langmuir</i> , 12(18):4329-4335, 1996
	BT	Mahtab et al., "Protein-Sized Quantum Dot Luminescence Can Distinguish between 'Straight', 'Bent', and 'Kinked' Oligonucleotides", <i>J. Am. Chem. Soc.</i> , 117:9099-9100, 1995
	BU	Mahtab et al., "Preferential-Absorption of a 'Kinked' DNA to a Neutral Curved Surface: Comparison to and Implications for Nonspecific DNA-Protein Interactions," <i>J. Am. Chem. Soc.</i> , 118(30):7028-7032, 1996

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<i>h</i>	CA	McGall et al., "Light-directed synthesis of high-density oligonucleotide arrays using semiconductor photoresists" <i>Proc. Natl. Acad. Sci. USA</i> , 93:13555-13560, November 1996
	CB	Moran et al., "Radio Frequency Tag Encoded Combinatorial Library Method for the Discovery of Tripeptide-Substituted Cinnamic Acid Inhibitors of the Protein Tyrosine Phosphatase PTP1B" <i>J. Am. Chem. Soc.</i> , 117:10787-10788, 1995
	CC	Müllenborn et al., "Characterization of Solution-Synthesized CdTe and HgTe," <i>Applied Physics</i> , 56:317-321, 1993
	CD	Murphy et al., "Quantum Dots as Inorganic DNA-Binding Proteins," <i>Mat. Res. Soc. Symp.</i> , 452:597-600, March 13, 1997
	CE	Nicolaou et al., "Radiofrequency Encoded Combinatorial Chemistry" <i>Angew. Chem. Int. Ed. Engl.</i> , 34(20):2289-2291, 1995
	CF	Pehnt et al., "Nanoparticle precursor route to low-temperature spray deposition of CdTe thin films," <i>Appl. Phys. Lett.</i> , 67(15):2176-2178, October 1995
	CG	Peng et al., "Epitaxial Growth of Highly Luminescent CdSe/CdS Core/Shell Nanocrystals with Photostability and Electronic Accessibility," <i>J. Am. Chem. Soc.</i> , 119(30):7019-7029, 1997
	CH	Peng et al., "Synthesis and Isolation of a Homodimer of Cadmium Selenide Nanocrystals," <i>Angew. Chem. Int. Ed. Engl.</i> , 36(112):145-147, 1997
	CI	Plunkett et al., "Combinatorial Chemistry and New Drugs" <i>Sci Am.</i> , 276(4):68-73, April 1997
	CJ	Rogach et al., "Synthesis and Characterization of Thiol-Stabilized CdTe Nanocrystals" <i>Ber. Bunsenges. Phys. Chem.</i> , 100(11):1772-1778, November 1996
	CK	Schröck et al., "Multicolor Spectral Karyotyping of Human Chromosomes," <i>Science</i> , 273:494-497, July 26, 1996
	CL	Spanhel et al., "Photochemistry of Colloidal Semiconductors. Surface Modification and Stability of Strong Luminescing CdS Particles" <i>J. Am. Chem. Soc.</i> , 109(19):5649-5655, 1987
	CM	Steigerwald et al., "Surface Derivatization and Isolation of Semiconductor Cluster Molecules," <i>J. Am. Chem. Soc.</i> , 110:3046-3050, 1988
<i>h</i>	CN	Whitesell et al., "Directionally Aligned Helical Peptides on Surfaces" <i>Science</i> , 261:73-76, July 2, 1993

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